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UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

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AUG 28 2003

# 112056-0126

AUGUST 25, 2003

CESARI & MCKENNA

PTAS

Deputy Under Secretary of Commerce For Intellectual Property and  
Deputy Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov

CESARI AND MCKENNA, LLP  
WILLIAM A. LOGINOV  
88 BLACK FALCON AVE.  
BOSTON, MA 02210



\*102405556A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

✓ RECORDATION DATE: 03/26/2003

✓ REEL/FRAME: 013894/0859  
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KLEIMAN, STEVEN R.

DOC DATE: 08/06/2002

ASSIGNOR:

SUNDARAM, RAJESH

DOC DATE: 08/08/2002

ASSIGNOR:

DOUCETTE, DOUGLAS P.

DOC DATE: 03/25/2003

ASSIGNOR:

STRANGE, STEPHEN H.

DOC DATE: 08/07/2002

ASSIGNOR:

VISWANATHAN, SRINIVASAN

DOC DATE: 03/12/2003

ASSIGNEE:

NETWORK APPLIANCE, INC.  
495 EAST JAVA DRIVE  
SUNNYVALE, CALIFORNIA 94089

013894/0859 PAGE 2

SERIAL NUMBER: 10105034  
PATENT NUMBER:

FILING DATE: 03/21/2002  
ISSUE DATE:

ANTIONE ROYALL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



To the Honorable commissioner of Patents and Trademarks  
Please record the attached original document

## 1. Name of conveying party(ies):

Steven R. Kleiman  
Rajesh Sundaram  
Douglas P. Doucette  
Stephen H. Strange  
Srinivasan Viswanathan

3-26-03

Additional name(s) of conveying party(ies) attached? \_\_\_\_\_ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment  
\_\_\_\_ Merger  
\_\_\_\_ Security Agreement  
\_\_\_\_ Change of Name  
\_\_\_\_ Other

Execution Date: 08/06/2002; 08/08/2002; 03/25/2003;  
08/07/2002 and 03/12/2003 respectively

## 4. Application number(s) or patent number(s): 1

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): 10/105,034

B. Patent No. (s)

Additional numbers attached? \_\_\_\_\_ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: William A. Loginov

Street Address: Cesari and McKenna, LLP  
88 Black Falcon Avenue  
City: Boston State: MA Zip: 02210

## 6. Total number of applications and patents involved:..... 1

7. Total fee (37 CFR 3.41) ..... \$40.00

☒ Enclosed

\_\_\_\_ Authorized to be charged to deposit Account

8. Deposit account no. 03-1237 (Attach duplicate copy of this page if paying by deposit account)

03/28/2003 DBYRNE 00000041 10105034

01 FC:8021

40.00 OP

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William A. Loginov, Reg. No. 34,863

Name of Person Signing

Signature

March 26, 2003

Date

Total number of pages comprising cover sheet: 1

OFFICE OF PUBLIC RECORDS  
2003 MAR 26 PM 2:38  
FINANCE SECTION

**ASSIGNMENT**

WHEREAS, We, Steven R. Kleiman, Rajesh Sundaram, Douglas P. Doucette, Stephen H. Strange, and Srinivasan Viswanathan, have invented one or more improvements in:

**A Method for Writing Contiguous Arrays of Stripes in a RAID Storage System**

described in an application (or provisional application) for Letters Patent of the United States:

☐ identified by Attorney Docket No. NWK-002, and/or executed by us of even date herewith and about to be filed in the United States Patent Office;

☒ Serial No. 10/105,034 filed in the United States Patent Office on March 21, 2002; and

WHEREAS, Network Appliance, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of CALIFORNIA, and having a usual place of business at 495 East Java Drive, Sunnyvale, California 94089, desires to acquire an interest therein, in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the inventions described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon or claim priority under international convention, including but not limited to continuations, divisionals, reissues, and reexaminations of said application or such Letters Patent; said inventions, applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all of our rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said inventions, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE for its own name as assignee of our entire right, title and interest therein.

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including: the execution of applications for patents in foreign countries; the execution of substitution, reissue, divisional or continuation applications; and preliminary or other statements or the giving of testimony in any interference or other proceeding in which said inventions or any application or patent directed thereto may be involved; and

Joint Assignment

Page 2

we further hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment, if none is indicated on that date of our execution of this assignment;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

*IN TESTIMONY WHEREOF*, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor:   
Steven R. Kleiman

State of California )  
County of ) ss

Subscribed and sworn to before me, by the above-named Steven R. Kleiman, this 6<sup>th</sup> day  
of AUGUST, 2002.

\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_

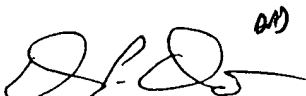
Inventor:   
Rajesh Sundaram

State of California )  
County of ) ss

Subscribed and sworn to before me, by the above-named Rajesh Sundaram, this \_\_\_\_\_ day  
of \_\_\_\_\_, 2002.

\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_

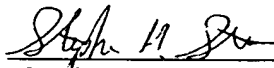
Date: 3/25/2003 <sup>DPD</sup>

Inventor:   
Douglas P. Doucette

State of Washington )  
County of ) ss

Subscribed and sworn to before me, by the above-named Douglas P. Doucette, this \_\_\_\_\_ day  
of \_\_\_\_\_, 2002.

\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_

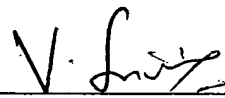
Inventor:   
Stephen H. Strange

State of California )  
County of ) ss

Subscribed and sworn to before me, by the above-named Stephen H. Strange, this \_\_\_\_\_ day  
of \_\_\_\_\_, 2002.

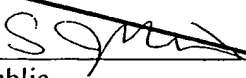
\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_

Date: 03/19/2003 <sup>W</sup>

Inventor:   
Srinivasan Viswanathan

State of California )  
County of Island ) ss

Subscribed and sworn to before me, by the above-named Srinivasan Viswanathan, this 27<sup>th</sup> day of June, 2002.

  
Notary Public  
My Commission Expires: 12/9/04

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

Santa Clara

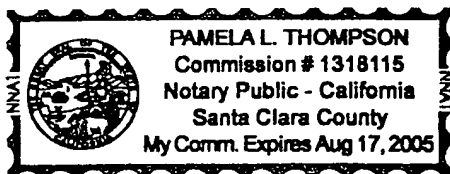
SS.

On August 6, 2002, before me, Pamela L. Thompson, Notary Public,  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared STEVEN R. KLEIMAN,  
Name(s) of Signer(s)

☐ personally known to me  
☒ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal Above

WITNESS my hand and official seal.

Pamela L. Thompson  
Signature of Notary Public

## OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

### Description of Attached Document

Title or Type of Document: \_\_\_\_\_

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

### Capacity(ies) Claimed by Signer

Signer's Name: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER

Top of thumb here



# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara

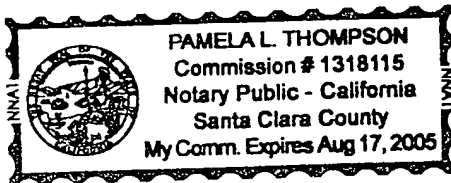
SS.

On August 8, 2002, before me, PAMELA L. THOMPSON,  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Rajesh Sunharam,  
Name(s) of Signer(s)

☐ personally known to me  
☒ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal Above

WITNESS my hand and official seal.

Pamela L. Thompson  
Signature of Notary Public

## OPTIONAL

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

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Title or Type of Document: \_\_\_\_\_

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

### Capacity(ies) Claimed by Signer

Signer's Name: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara

} ss.

On August 7, 2002, before me, Pamela L. Thompson, Notary Public

Date

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Stephen H. Strange

Name(s) of Signer(s)

- ☐ personally known to me  
☒ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal Above

WITNESS my hand and official seal.

Pamela L. Thompson  
Signature of Notary Public

## OPTIONAL

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

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Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

### Capacity(ies) Claimed by Signer

Signer's Name: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

<b>DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN</b>  <b>PATENT APPLICATION</b>  <input type="checkbox"/> Declaration <input checked="" type="checkbox"/> Declaration Submitted with      Submitted after Initial Initial Filing      Filing (surcharge 37 CFR 1.16(e) required)	Attorney Docket No.	NWK-002
	First Named Inventor	Kleiman
	<b>COMPLETE IF KNOWN</b>	
	Application Serial Number	Not Yet Assigned
	Filing Date	March 21, 2002
	Group Art Unit	Not Yet Assigned
	Examiner Name	Not Yet Assigned

**As a below named inventor, I hereby declare that:**  
My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**A Method for Writing Contiguous Arrays of Stripes in a RAID Storage System**

*(Title of the Invention)*

the specification of which

☐ is attached hereto  
OR  
☒ was filed on 

March 21, 2002

 as United States Application Serial Number or PCT International (MM/DD/YYYY)

Application Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose to the Patent Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information known by me which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, or inventor's certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Serial Number(s)	Filing Date (MM/DD/YYYY)

☐ Additional provisional application serial numbers are listed on a supplemental priority data sheet attached hereto.

**DECLARATION – Utility or Design Patent Application**

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c), of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Serial Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet attached hereto.

As a named inventor, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: ☐ Customer Number

OR

☒ Registered practitioner(s) name/registration number listed below

Place Customer  
Number Bar Code  
Label Here

Name	Registration Number	Name	Registration Number
Michael J. Bastian	47,411	John D. Lanza	40,060
Steven M. Bauer	31,481	Kurt W. Lockwood	40,704
Elias C. Behrakis	47,416	Leigh J. Martinson	50,749
Mark L. Beloborodov	50,773	Thomas C. Meyers	36,989
John V. Bianco	36,748	Joseph B. Milstein	42,897
Robert S. Blasi	50,389	David G. Miranda	42,898
Maureen A. Bresnahan	44,559	Ronda P. Moore	44,244
Michael H. Brodowski	41,640	Jeremy Occek	50,794
Jennifer A. Camacho	43,526	Edmund R. Pitcher	27,829
Joseph A. Capraro, Jr.	36,471	Jamie H. Rose	45,054
Christopher H. Chung	50,351	David L. Schuler	51,190
John J. Cotter	38,116	Christopher W. Stamos	35,370
Robert V. Donahoe	46,667	Diana M. Steel	43,153
Brian A. Fairchild	48,645	Joseph P. Sullivan	45,349
John V. Forcier	42,545	Robert J. Tosti	35,393
Steven J. Frank	33,497	Thomas A. Turano	35,722
Kia L. Freeman	47,577	Christine C. Vito	39,061
Brian M. Gaff	44,691	Patrick R.H. Waller	41,418
Duncan A. Greenhalgh	38,678	Daniel A. Wilson	45,508
Ira V. Heffan	41,059	Gerald E. Worth	45,238
Danielle L. Herritt	43,670	Yin P. Zhang	44,372
Douglas J. Kline	35,574		
<input type="checkbox"/> Additional registered practitioners named on supplemental Registered Practitioner Information sheet attached hereto.			

Direct all correspondence to:

Patent Administrator  
Testa, Hurwitz & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, MA 02110  
Tel. No.: (617) 248-7000  
Fax No.: (617) 248-7100

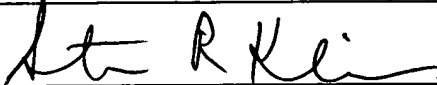
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and

Declaration and Power of Attorney for Utility or Design Patent Application

Atty. Docket No. NWK-002

Page 3 of 3

the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor									
Given Name (first and middle [if any])						Family Name or Surname					
Steven R.						Kleiman					
Inventor's Signature							Date		8/13/02		
Residence	City	Los Altos	State	California	Country	U.S.A.	Citizenship	U.S.A.			
Mailing Address											
Mailing Address (ln. 2)	City	Los Altos	State	California	ZIP		Country	U.S.A.			
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) attached hereto.											
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor									
Given Name (first and middle [if any])						Family Name or Surname					
Rajesh						Sundaram					
Inventor's Signature							Date				
Residence	City	Mountain View	State	California	Country	U.S.A.	Citizenship	India			
Mailing Address		2703 Doverton Square									
Mailing Address (ln. 2)	City	Mountain View	State	California	ZIP	94040	Country	U.S.A.			
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor									
Given Name (first and middle [if any])						Family Name or Surname					
Douglas P.						Doucette					
Inventor's Signature							Date				
Residence	City	Freeland	State	Washington	Country	U.S.A.	Citizenship	U.S.A.			
Mailing Address		1864 Scenic Avenue									
Mailing Address (ln. 2)	City	Freeland	State	Washington	ZIP	98249	Country	U.S.A.			

ROSEJH9034\6.2320991\_1

<b>DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN</b>  <b>PATENT APPLICATION</b>  <input type="checkbox"/> Declaration <input checked="" type="checkbox"/> Declaration Submitted with      Submitted after Initial Initial Filing      Filing (surcharge 37 CFR 1.16(e) required)	Attorney Docket No.	NWK-002
	First Named Inventor	Kleiman
	<b>COMPLETE IF KNOWN</b>	
	Application Serial Number	Not Yet Assigned
	Filing Date	March 21, 2002
	Group Art Unit	Not Yet Assigned
	Examiner Name	Not Yet Assigned

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

A Method for Writing Contiguous Arrays of Stripes in a RAID Storage System

(Title of the Invention)

the specification of which

☐ is attached hereto  
OR

☒ was filed on March 21, 2002 as United States Application Serial Number or PCT International (MM/DD/YYYY)

Application Number and was amended on (MM/DD/YYYY) (if applicable).

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I acknowledge the duty to disclose to the Patent Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information known by me which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, or inventor's certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
			<input type="checkbox"/>	YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Serial Number(s)	Filing Date (MM/DD/YYYY)	
		<input type="checkbox"/> Additional provisional application serial numbers are listed on a supplemental priority data sheet attached hereto.

**DECLARATION – Utility or Design Patent Application**

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**U.S. Parent Application or PCT Parent  
Serial Number**

**Parent Filing Date  
(MM/DD/YYYY)**

**Parent Patent Number  
(if applicable)**

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As a named inventor, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: ☐ Customer Number

OR

☒ Registered practitioner(s) name/registration number listed below

Place Customer  
Number Bar Code  
Label Here

Name	Registration Number	Name	Registration Number
Michael J. Bastian	47,411	John D. Lanza	40,060
Steven M. Bauer	31,481	Kurt W. Lockwood	40,704
Elias C. Behrakis	47,416	Leigh J. Martinson	50,749
Mark L. Beloborodov	50,773	Thomas C. Meyers	36,989
John V. Bianco	36,748	Joseph B. Milstein	42,897
Robert S. Blasi	50,389	David G. Miranda	42,898
Maureen A. Bresnahan	44,559	Ronda P. Moore	44,244
Michael H. Brodowski	41,640	Jeremy Occek	50,794
Jennifer A. Camacho	43,526	Edmund R. Pitcher	27,829
Joseph A. Capraro, Jr.	36,471	Jamie H. Rose	45,054
Christopher H. Chung	50,351	David L. Schuler	51,190
John J. Cotter	38,116	Christopher W. Stamos	35,370
Robert V. Donahoe	46,667	Diana M. Steel	43,153
Brian A. Fairchild	48,645	Joseph P. Sullivan	45,349
John V. Forcier	42,545	Robert J. Tosti	35,393
Steven J. Frank	33,497	Thomas A. Turano	35,722
Kia L. Freeman	47,577	Christine C. Vito	39,061
Brian M. Gaff	44,691	Patrick R.H. Waller	41,418
Duncan A. Greenhalgh	38,678	Daniel A. Wilson	45,508
Ira V. Heffan	41,059	Gerald E. Worth	45,238
Danielle L. Herritt	43,670	Yin P. Zhang	44,372
Douglas J. Kline	35,574		
<input type="checkbox"/> Additional registered practitioners named on supplemental Registered Practitioner Information sheet attached hereto.			

Direct all correspondence to:

Patent Administrator  
Testa, Hurwitz & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, MA 02110  
Tel. No.: (617) 248-7000  
Fax No.: (617) 248-7100

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and

## Declaration and Power of Attorney for Utility or Design Patent Application

Atty. Docket No. NWK-002

Page 3 of 3

the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

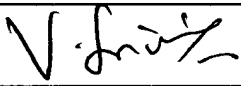
<b>Name of Sole or First Inventor:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])					Family Name or Surname				
Steven R.					Kleiman				
Inventor's Signature							Date		
Residence	City	Los Altos	State	California	Country	U.S.A.	Citizenship	U.S.A.	
Mailing Address									
Mailing Address (ln. 2)	City	Los Altos	State	California	ZIP		Country	U.S.A.	
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) attached hereto.									
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])					Family Name or Surname				
Rajesh					Sundaram				
Inventor's Signature							Date		
Residence	City	Mountain View	State	California	Country	U.S.A.	Citizenship	India	
Mailing Address		2703 Doverton Square							
Mailing Address (ln. 2)	City	Mountain View	State	California	ZIP	94040	Country	U.S.A.	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])					Family Name or Surname				
Douglas P.					Doucette				
Inventor's Signature							Date		
Residence	City	Freeland	State	Washington	Country	U.S.A.	Citizenship	U.S.A.	
Mailing Address		1864 Scenic Avenue							
Mailing Address (ln. 2)	City	Freeland	State	Washington	ZIP	98249	Country	U.S.A.	

ROSEJH9034\6.2320991\_1



**DECLARATION AND  
POWER OF ATTORNEY FOR UTILITY  
OR DESIGN PATENT APPLICATION**

**ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 1 of 1**

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])				Family Name or Surname					
Stephen H.				Strange					
Inventor's Signature						Date			
Residence	City	Mountain View	State	California	Country	U.S.A.	Citizenship	U.S.A.	
Mailing Address	1147 Rose Avenue								
Mailing Address (In. 2)	City	Mountain View	State	California	ZIP	94040	Country	U.S.A.	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])				Family Name or Surname					
Srinivasan				Viswanathan					
Inventor's Signature						Date	08/15/2002		
Residence	City	Fremont	State	California	Country	U.S.A.	Citizenship	India	
Mailing Address									
Mailing Address (In. 2)	City	Fremont	State	California	ZIP		Country	U.S.A.	

ROSEJH\9034\6.2321009\_1

<b>DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN  PATENT APPLICATION</b>  <input type="checkbox"/> Declaration <input checked="" type="checkbox"/> Declaration Submitted with      Submitted after Initial Initial Filing      Filing (surcharge 37 CFR 1.16(e) required)	Attorney Docket No.	NWK-002
	First Named Inventor	Kleiman
	<b>COMPLETE IF KNOWN</b>	
	Application Serial Number	Not Yet Assigned
	Filing Date	March 21, 2002
	Group Art Unit	Not Yet Assigned
	Examiner Name	Not Yet Assigned

**As a below named inventor, I hereby declare that:**

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**A Method for Writing Contiguous Arrays of Stripes in a RAID Storage System**

*(Title of the Invention)*

the specification of which

☐ is attached hereto  
OR  
☒ was filed on 

March 21, 2002

 as United States Application Serial Number or PCT International (MM/DD/YYYY)

Application Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose to the Patent Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information known by me which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, or inventor's certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Serial Number(s)	Filing Date (MM/DD/YYYY)

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## DECLARATION – Utility or Design Patent Application

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As a named inventor, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: ☐ Customer Number

OR

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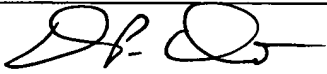
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and

## Declaration and Power of Attorney for Utility or Design Patent Application

Atty. Docket No. NWK-002

Page 3 of 3

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<b>Name of Sole or First Inventor:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])					Family Name or Surname				
Steven R.					Kleiman				
Inventor's Signature							Date		
Residence	City	Los Altos	State	California	Country	U.S.A.	Citizenship	U.S.A.	
Mailing Address									
Mailing Address (In. 2)	City	Los Altos	State	California	ZIP		Country	U.S.A.	
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) attached hereto.									
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
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Rajesh					Sundaram				
Inventor's Signature							Date		
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Mailing Address		2703 Doverton Square							
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Given Name (first and middle [if any])					Family Name or Surname				
Douglas P.					Doucette				
Inventor's Signature							Date		6/27/02
Residence	City	Freeland	State	Washington	Country	U.S.A.	Citizenship	U.S.A.	
Mailing Address		1864 Scenic Avenue							
Mailing Address (In. 2)	City	Freeland	State	Washington	ZIP	98249	Country	U.S.A.	

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# DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN

## PATENT APPLICATION

☐ Declaration      ☒ Declaration  
Submitted with      Submitted after Initial  
Initial Filing      Filing (surcharge  
37 CFR 1.16(e) required)

Attorney Docket No. NWK-002

First Named Inventor Kleiman

### COMPLETE IF KNOWN

Application Serial Number Not Yet Assigned

Filing Date March 21, 2002

Group Art Unit Not Yet Assigned

Examiner Name Not Yet Assigned

### As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

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(Title of the Invention)

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			<input type="checkbox"/>	YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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John V. Forcier	42,545	Robert J. Tosti	35,393
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## Declaration and Power of Attorney for Utility or Design Patent Application

Atty. Docket No. NWK-002

Page 3 of 3

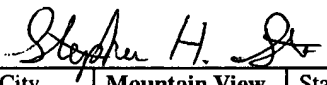
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Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])					Family Name or Surname				
Steven R.					Kleiman				
Inventor's Signature							Date		
Residence	City	Los Altos	State	California	Country	U.S.A.	Citizenship	U.S.A.	
Mailing Address									
Mailing Address (ln. 2)	City	Los Altos	State	California	ZIP		Country	U.S.A.	
<input type="checkbox"/> Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) attached hereto.									
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])					Family Name or Surname				
Rajesh					Sundaram				
Inventor's Signature		Rajesh S					Date		8/12/2002
Residence	City	Mountain View	State	California	Country	U.S.A.	Citizenship	India	
Mailing Address		2703 Doverton Square							
Mailing Address (ln. 2)	City	Mountain View	State	California	ZIP	94040	Country	U.S.A.	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])					Family Name or Surname				
Douglas P.					Doucette				
Inventor's Signature							Date		
Residence	City	Freeland	State	Washington	Country	U.S.A.	Citizenship	U.S.A.	
Mailing Address		1864 Scenic Avenue							
Mailing Address (ln. 2)	City	Freeland	State	Washington	ZIP	98249	Country	U.S.A.	

ROSEJH9034\6.2320991\_1

**DECLARATION AND  
POWER OF ATTORNEY FOR UTILITY  
OR DESIGN PATENT APPLICATION**

**ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
Page 1 of 1

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])					Family Name or Surname				
Stephen H.					Strange				
Inventor's Signature							Date		
	8/12/02								
Residence	City	Mountain View	State	California	Country	U.S.A.	Citizenship	U.S.A.	
Mailing Address	1147 Rose Avenue								
Mailing Address (ln. 2)	City	Mountain View	State	California	ZIP	94040	Country	U.S.A.	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])					Family Name or Surname				
Srinivasan					Viswanathan				
Inventor's Signature							Date		
Residence	City	Fremont	State	California	Country	U.S.A.	Citizenship	India	
Mailing Address									
Mailing Address (ln. 2)	City	Fremont	State	California	ZIP		Country	U.S.A.	

ROSEJH90346.2321009\_1



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re The Application of:	)	
Steven R. Kleiman et al.	)	
	)	
Serial No.: 10/105,034	)	Examiner: Not yet assigned
	)	
Filed: March 21, 2002	)	
	)	Art Unit: 2818
For: A METHOD FOR WRITING	)	
CONTIGUOUS ARRAYS OF	)	
STRIPES IN A RAID STOR-	)	
AGE SYSTEM	)	
		Cesari and McKenna, LLP
		88 Black Falcon Avenue
		Boston, MA 02210

**REVOCATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

Network Appliance, Inc., assignee by instrument, a copy of which is attached hereto, of United States Patent Application Serial No. 10/105,034, filed March 21, 2002, for A METHOD FOR WRITING CONTIGUOUS ARRAYS OF STRIPES IN A RAID STORAGE SYSTEM, hereby appoints Michael E. Attaya, Reg. No. 31,731; Michael J. Badzinski, Reg. No. 51,425; Charles J. Barbas, Reg. No. 32,959; James M. Behmke, Reg. No. 51,448; James A. Blanchette, Reg. No. 51,477; Joseph H. Born, Reg. No. 28,283; John L. Capone, Reg. No. 41,656; Robert A. Cesari, Reg. No. 18,381; Duane H. Dreger, Reg. No. 48,836; A. Sidney Johnston, Reg. No. 29,548; Stephen E. Kabakoff, Reg. No. 51,276; William A. Loginov, Reg. No. 34,863; John F. McKenna, Reg. No. 20,912; Martin J. O'Donnell, Reg. No. 24,204; Thomas C. O'Konski, Reg. No. 26,320; Edwin H. Paul, Reg. No. 31,405; Michael R. Reinemann, Reg. No. 38,280; Robert E. Rigby, Jr., Reg. No. 36,904; Rita M. Rooney, Reg. No. 30,585; and Patricia A. Sheehan, Reg. No. 32,301, Cesari and McKenna, LLP, 88 Black Falcon Avenue, Boston, MA 02210, and Gary E. Ross, Reg. No. 29,431, Network Appliance, Inc., 495 East Java Drive, Sunnyvale, CA 94089, jointly, and each of them severally, my attorneys and attorney, with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith; and I hereby revoke all prior Powers of Attorney.

Please direct all telephone calls to Charles J. Barbas at (617) 951-2500. Please address all correspondence to Charles J. Barbas.

NETWORK APPLIANCE, INC.

Date: 3/7/03

By: Andrew Kryder  
Andrew Kryder  
Vice President Tax and Legal  
General Counsel